

Amendments to the Specification: Please amend the specification as indicated.

[0016] FIG. 1 is a schematic of an exemplary embodiment of the system 1 for virtual process interfacing within an automation scenario for distributed engineering in monolithic systems. Applications $3_1 \dots_n$ required for engineering are herein stored and made available on a central server 2 within the system 1. Automation devices 5 present within the automation scenario are connected via a data transmission device 9, for example a bus system, to a client 4. The data of the automation devices 5 can be accessed directly from the client. Communication between the terminal server 2 and the client 4 for online process interfacing is realized with the aid of the communication channel 8. What is termed a Remote Desktop Protocol is employed herein that enables data packets to be transmitted online over virtual channels. Accessing of the online data of the automation devices by the terminal server 2 is enabled by means of the data channel 8. Means 6 for feeding in data of the automation devices 5 over the communication channel 8 are located for this purpose on the terminal server. Said means are as a rule software which runs on the terminal server 2 and ensures that the server 2 is automatically redirected to the automation device 5 of the corresponding client 4. Said software has two interfaces 12, 13 for communicating, firstly 12, with the communication channel 8 and, secondly 13, with the applications $3_1 \dots_n$. Second means 7 on the client 4 link said applications $3_1 \dots_n$ to the respective automation devices 5.